

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	216	("1215512"   "2858095"   "20030164571"   "20040106942"   "20050107816"   "0299532"   "3402710"   "3434691"   "3835854"   "3970089"   "0364324"   "4233982"   "4261357"   "4379458"   "4475548"   "4535773"   "4566480"   "4917668"   "0426635"   "5002557"   "5010494"   "5074334"   "5116353"   "5141498"   "5152053"   "5176648"   "5201714"   "5201714"   "5221633"   "5241990"   "5256149"   "5261895"   "5271380"   "5308336"   "5318585"   "5350362"   "5356394"   "5360417"   "5366478"   "5389080"   "5391153"   "5395342"   "5397314"   "5403290"   "5423796"   "5429609"   "5429609"   "5441486"   "5460616"   "5489274"   "5514133"   "5522831"   "5538509"   "5542931"   "5554124"   "5569291"   "5578016"   "5584847"   "5591192"   "5599348"   "5599348"   "5613954"   "5697913"   "5709664"   "5709671"   "5720730"   "5730728"   "5743883"   "5752938"   "5772678"   "5776112"   "5782817"   "5788676"   "5803921"   "5807338"   "5814026"   "5817061"   "5820660"   "5827238"   "5865807"   "5865812"   "5882348"   "5913847"   "5925041"   "5941852"   "5980493"   "5989232"   "5989233"   "6010494"   "6017356"   "6030403"   "6077219"   "6090094"   "6110154"   "6135660"   "6206861"   "6217556"   "6228068"   "6238373"   "6344160"   "6478318"   "7105009").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 12:46

S3	2193	606/205,206,207.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 13:28
S4	4708	604/164,165,166,167,246,247,250,264.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 13:29
S5	3972	roll\$3 and (trocar sleeve sheath) and (endoscop\$3 laparoscop\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 13:31
S6	15681	(rotat\$3 pivot\$3 roll\$3) and (trocar sleeve sheath) and (endoscop\$3 laparoscop\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 13:31
S7	679	S3 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 13:31
S9	6281	604/164.01-164.11,165,166,167,246,247,250,264.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 13:39

S10	492	S9 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 13:40
S11	459	604/117,164,167.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 14:04
S13	847	604/167.01-167.06.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 14:05
S14	458	S11 not S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 14:26
S15	425	S10 not (S13 S11)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 14:27
S16	216	((SCOTT) near2 (TAYLOR)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/15 15:05
S17	26	((HENRY) near2 (KAHLE)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/15 15:05

S18	190	("1810466"   "20010037053"   "20020002324"   "20020038077"   "20020072762"   "20030040711"   "20030187376"   "20030192553"   "20030225392"   "20040015185"   "20040024363"   "20040049099"   "20040049100"   "20040054353"   "20040073090"   "20040092796"   "20040106942"   "20040127772"   "20040154624"   "20040267096"   "20050020884"   "20050059865"   "20050222582"   "20050241647"   "20050267419"   "20050288558"   "20060030755"   "20060084842"   "20060129165"   "20060149306"   "2305289"   "2835253"   "2853075"   "3039468"   "3111943"   "3244169"   "3332417"   "3347226"   "3347227"   "3397692"   "3402710"   "3416520"   "3447533"   "3523534"   "3717151"   "3841332"   "3850172"   "3856021"   "4024872"   "4043328"   "4069913"   "4083370"   "4188945"   "4217664"   "4222126"   "4338937"   "4367728"   "4550713"   "4553537"   "4714749"   "4755170"   "4777943"   "4863438"   "4895565"   "4903710"   "4926882"   "4950223"   "4984564"   "4991593"   "4998538"   "5015228"   "5037379"   "5082005"   "5178162"   "5192301"   "5213114"   "5299582"   "5316541"   "5350364"   "5353786"   "5366478"   "5368545"   "5380288"   "5389080"   "5389081"   "5407433"   "5429609"   "5437683"   "5460616"   "5476475"   "5480410"   "5492304"   "5496280"   "5503112"   "5514133"   "5522791"   "5524644"   "5531758"   "5545179"   "5562677"   "5603702"   "5628732"   "5632284"   "5634936"   "5634937"   "5636645"   "5640977"   "5649550"   "5653705"   "5672168"   "5681341"   "5709664"   "5720730"   "5728103"   "5741298").PN. OR ("5782817"   "5792119"   "5795290"   "5803919"   "5803921"   "5810721"   "5813409"   "5814026"   "5832925"   "5841298"   "5853395"   "5865729"   "5865807"   "5895377"   "5899208"   "5904703"   "5906577"   "5947922"   "5964781"   "5989233"   "5993471"   "5993485"   "5997515"   "6010494"   "6024736"   "6025067"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/15 15:38
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"6033426"	"6033428"	"6045535"	"6142936"
"6149642"	"6162172"	"6254533"	"6254534"
"6382211"	"6383162"	"6413244"	"6440063"
"6450983"	"6482181"	"6485435"	"6533734"
"6579281"	"6582364"	"6589167"	"6589211"
"6613952"	"6623426"	"6702787"	"6723044"
"6814078"	"6846287"	"6866861"	"6902541"
"6908430"	"6945932"	"6958037"	"6972026"
"7033319"	"7052454".PN. OR ("7377898").URPN.		

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	608	((cannula sleeve trocar) same (housing) and (cylind\$5 roller toroid\$3) and (compliant conformable resilient elastic\$3) and (surfaces wall) and seal\$3).dm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/16 12:13
L2	452	((cannula sleeve trocar) and (housing) and valve and (cylind\$5 roller toroid\$3) and (compliant conformable resilient elastic\$3) and (surfaces wall) and seal\$3).dm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/16 12:14
L3	68	((cannula sleeve trocar) and (housing) and valve and ((cylind\$5 roller toroid\$3) same (compliant conformable resilient elastic\$3) same (surfaces wall) same seal\$3)).dm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/16 12:15

12/ 16/ 2009 12:17:23 PM

C:\Documents and Settings\nguyen32\My Documents\EAST\Workspaces\10776387 trocar with roller valve.wsp